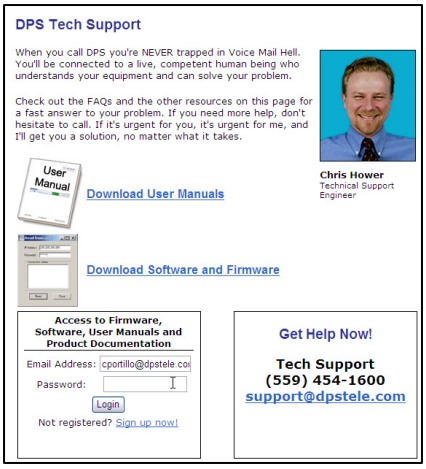
Problem: Need to set up T/GFX for T/Mon
Platform: T/Mon LNX, NOC, SLIM, MINI

Do you need to configure your T/Mon so you can start using T/Mon GFX? Setting up T/Mon GFX will allow you to use the program to manage your alarms with a graphical interface.

This techno knowledge paper will show you in several quick and easy steps how to configure T/Mon GFX with your T/Mon.


DPS Tech Support
When you call DPS you're NEVER trapped in Voice Mail Hell. You'll be connected to a live, competent human being who understands your equipment and can solve your problem.
Check out the FAQs and the other resources on this page for a fast answer to your problem. If you need more help, don't hesitate to call. If it's urgent for you, it's urgent for me, and I'll get you a solution, no matter what it takes.
Chris Hower
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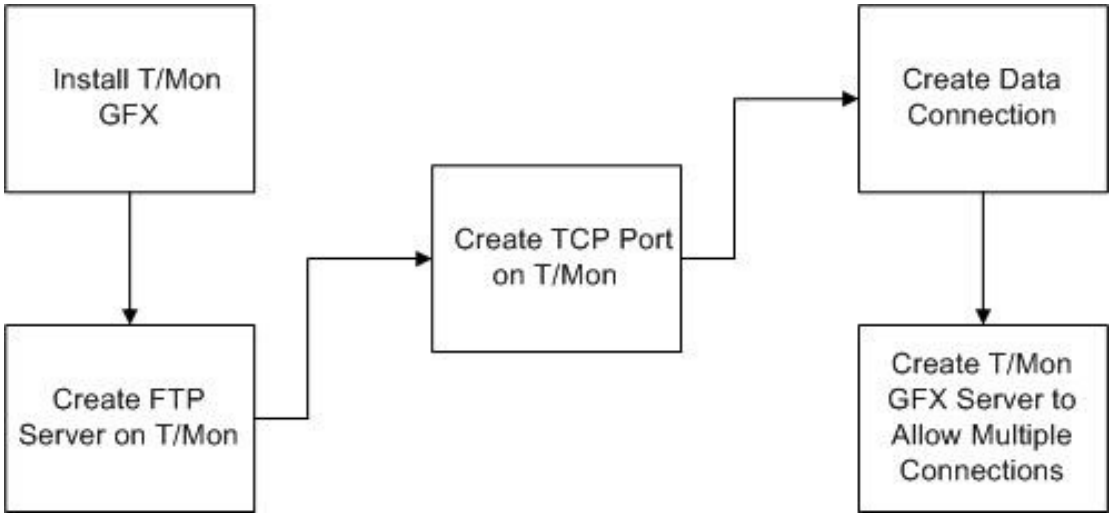
This techno knowledge paper can help you if:

- You want to configure T/Mon GFX with your T/Mon.

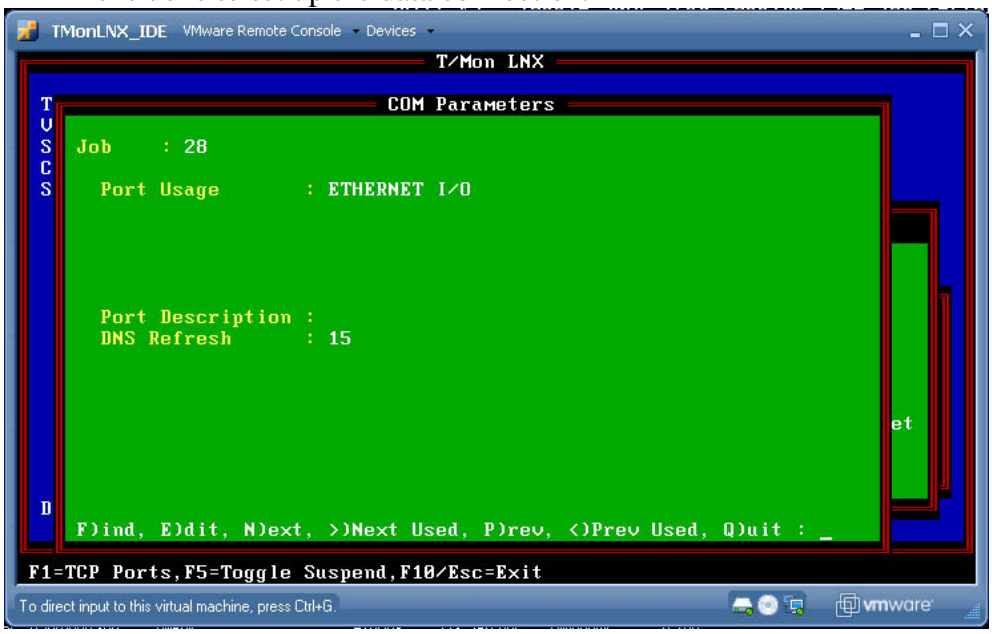
Quick Reference Chart

(for more details, review the troubleshooting checklist, starting on page 2 of this guide)

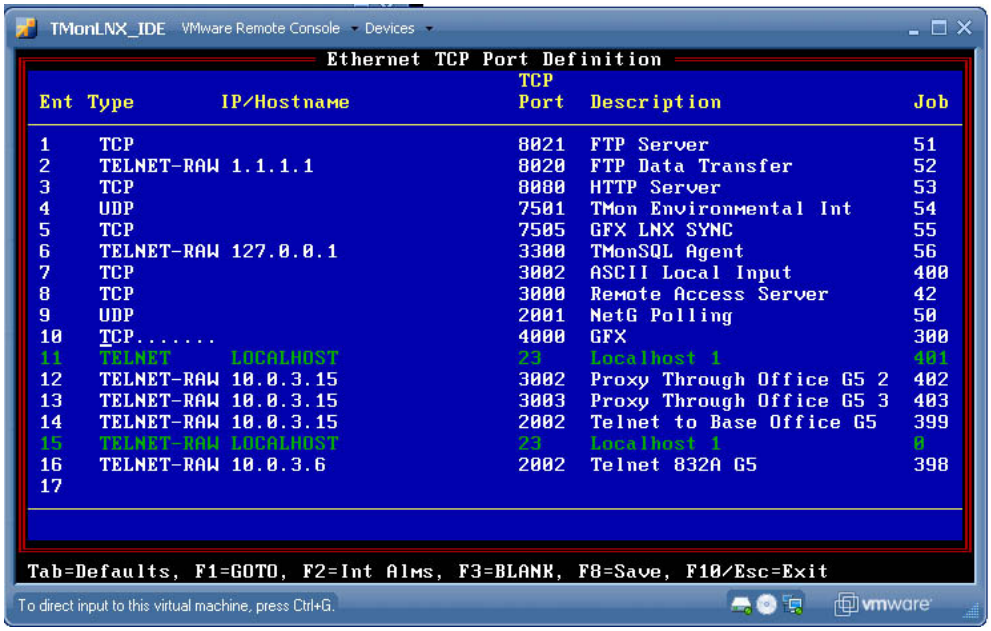

Install T/Mon GFX
Create FTP Server on T/Mon
Create TCP Port on T/Mon
Create Data Connection
Create T/Mon GFX Server to Allow Multiple Connections

Troubleshooting Guide:
How to Configure T/Mon GFX with T/Mon

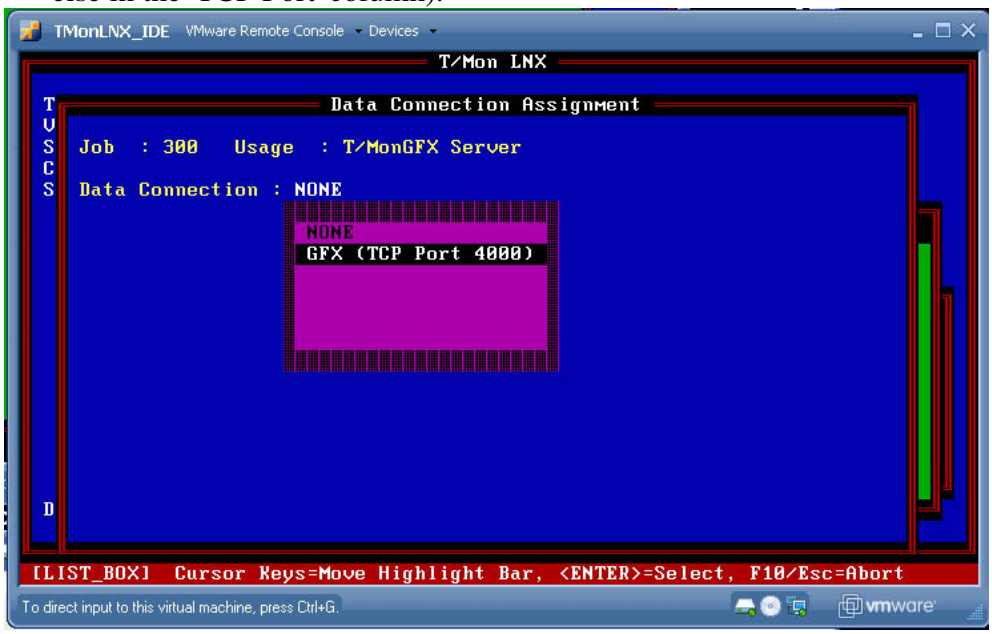
- **Install T/Mon GFX**
  - Install Microsoft MapPoint 2006 (Full Installation - this will require 1.5 GB of space on your hard drive).
  - When prompted, insert MapPoint Disc 2. This is known as the 'Run Disc' and contains the geographical information that T/Mon GFX will use.
  - Once MapPoint is successfully installed, run the T/Mon GFX installation program.
  - When the program is launched the T/Mon GFX Logon window will appear.
- **FTP Server Creation on T/Mon (not necessary on T/Mon LNX)**
  - Before you can begin using T/Mon GFX, you will need to verifyv an FTP server and FTP data transfer ports on the T/Mon. Refer to Sections **M15-1** through **M15-4 (FTP Server)** of the T/MonXM user manual for further details.
- **TCP Port Creation on T/Mon**
  - To create a TCP port for T/Mon GFX, you will need to setup and configure a data connection and a remote port job on the T/Mon.
  - **To create a data connection**
    - At the T/MonXM Master Menu, click on **Parameters | Remote Ports.**
    - Select 'F' for Find and enter '28', which will take you to job 28. This is done to set up the data connection.



    - Select 'F1' for TCP ports.


TMonLNX_IDE VMware Remote Console Devices
Ethernet TCP Port Definition
Ent Type IP/Hostname TCP Port Description Job
1 TCP 8021 FTP Server 51
2 TELNET-RAW 1.1.1.1 8020 FTP Data Transfer 52
3 TCP 8080 HTTP Server 53
4 UDP 7501 TMon Environmental Int 54
5 TCP 7505 GFX LNX SYNC 55
6 TELNET-RAW 127.0.0.1 3300 TMonSQL Agent 56
7 TCP 3002 ASCII Local Input 400
8 TCP 3000 Remote Access Server 42
9 UDP 2001 NetG Polling 50
10 TCP..... 4000 GFX 300
11 TELNET LOCALHOST 23 Localhost 1 401
12 TELNET-RAW 10.0.3.15 3002 Proxy Through Office G5 2 402
13 TELNET-RAW 10.0.3.15 3003 Proxy Through Office G5 3 403
14 TELNET-RAW 10.0.3.15 2002 Telnet to Base Office G5 399
15 TELNET-RAW LOCALHOST 23 Localhost 1 0
16 TELNET-RAW 10.0.3.6 2002 Telnet 832A G5 398
17
Tab=Defaults, F1=GOTO, F2=Int Alms, F3=BLANK, F8=Save, F10/Esc=Exit
To direct input to this virtual machine, press Ctrl+G.
vmware

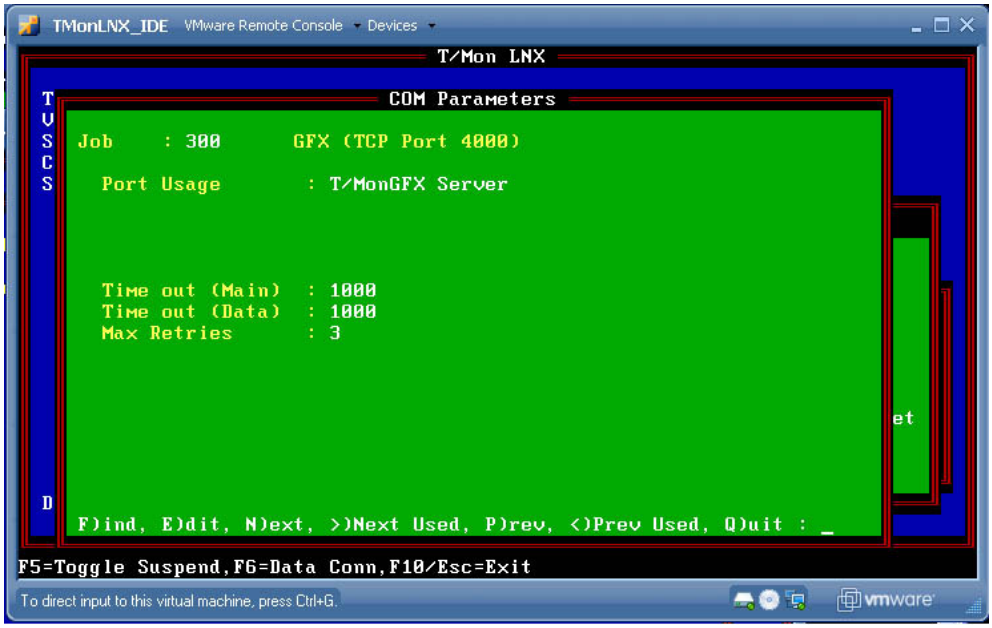
- Scroll down to an available entry and then hit 'Tab'.
- Select 'TCP' (T/Mon GFX).
- Define the TCP Port you want to use (Ex. Type "4000" to set up TCP Port 4000) (Make sure the chosen port is not used anywhere else in the 'TCP Port' column).


TMonLNX_IDE VMware Remote Console Devices
T/Mon LNX
Data Connection Assignment
Job : 300 Usage : T/MonGFX Server
Data Connection : NONE
NONE
GFX (TCP Port 4000)
[LIST_BOX] Cursor Keys=Move Highlight Bar, <ENTER>=Select, F10/Esc=Abort
To direct input to this virtual machine, press Ctrl+G.
vmware

- Type in the description in the 'Description' field (Ex. "T/Mon GFX Responder" and press 'Enter'.
- Finish by pressing 'F8' to save, which will also take you back out to the Remote Parameters screen.

- **To create a T/Mon GFX Server to allow multiple connections on the same port**

- At the T/MonXM Master Menu, click on **Parameters | Remote Ports.**
- Locate a job that is not currently in use. An available job will have a 'HALTED' description under it. Make sure the job number you select is higher than **50**.
- Hit 'E' for Edit.
- Tab to 'T/Mon GFX Server'.


TMonLNX_IDE
VMware Remote Console
Devices
T/Mon LNX
COM Parameters
Job : 300 GFX (TCP Port 4000)
Port Usage : T/MonGFX Server
Time out (Main) : 1000
Time out (Data) : 1000
Max Retries : 3
F)ind, E)dit, N)ext, >)Next Used, P)rev, <)Prev Used, Q)uit :
F5=Toggle Suspend,F6=Data Conn,F10/Esc=Exit
To direct input to this virtual machine, press Ctrl+G.
vmware

- Hit 'Enter'.
- Make sure your Time Out value is set to '1000ms' (1 second) and press 'Enter'.
- Press 'F6' for Data Connection.
- Select 'Tab' to find the data connection you set up previously.
- Find another job that is not currently in use and set it up as a 'T/Mon GFX Pool' job. This will use the same data connection as the 'T/Mon GFX Server' job.